

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions and listings of claims in the application:

1 - 4. (canceled)

5. (original) A sample injection method characterized by having
a step of aspirating a sample into a sampling needle,
a step of holding the sample in the sampling needle and
dipping the sampling needle in cleaning liquid,
a step of generating an ultrasonic wave in the cleaning
liquid so as to clean the sampling needle dipped in the cleaning
liquid, and
a step of ejecting the sample from the sampling needle so as
to inject the sample into a moving liquid.

6. (original) The sample injection method as claimed in claim
5, characterized in that a vibration frequency of the ultrasonic
vibrator is 20 kHz or more and 80 kHz or less.

7. (original) The sample injection method as claimed in claim
6, characterized in that an inner diameter of the sampling needle
is 0.1 mm or more and 0.8 mm or less.

8 - 11. (cancelled)